

## **Maintenance Day Activities**

- 6:45: All day work for wind-breaker wall at EX (Chris S)
- 8:03: Charge measurements started (Kissel)
- 8:06: Starting/running VAC pump (for an hour) & then remove to Vac Prep Lab (Kyle)
- 8:10: LVEA Cleaning (Christina/Karen)
- 8:13: Setting up Newtonian Noise array (David & later Jenne)
- 8:20: PSL racks (Peter K)
- 8:50: Door mat contractor (CINTAS)
- 9:00: DBB Work (Jason)
- 9:00: GRB acknowledged
- OAF machine reboot
- 9:03-10:03: BRS closeout (thermal insulation)
- 9:03: Terminating ion pump (Gerardo)
- 9:05: EY PUM check (related to EX work) [Richard]
- 9:08: SEI guardian work (TJ)
- 9:10: Pipeline Mods (kissel)
- 9:10: liquid nitrogen truck at MY CP3 (another one snuck in due to Gate Maintenance)
- 9:12: fire maintenance for bell
- 9:15: SURF tour (Robert)
- 9:20: EX christina & EY karen
- 9:20: OAF reboot to address some magnetometers/microphones being down since power outage (Dave)
  - 9:27: This brought down the TCS Laser (due to chiller trip) Dave & Peter investigating
  - ~11:00: Power supplies for magnetometer & microphones turned ON (missed during outage). Dave mentioned labels on these power supplies
- 9:30: IOT2L beam dump (Cheryl)
- 9:49: Photos in LVEA (Bartlett)
- 9:53: ETM ESD measurements: 1hr (Carl)
- 9:53: EX PUM (fil)
- 9:55: Looking for Kyle (Joe D)
- ~10:00: Atomic Clock (Jim B)
- 10:18: DAQ Restart (Dave)
- 10:22: Fire Bell Alarm! (Note: In addition to email, I should have used announced with PA System)

- 10:45: Turning TCS lasers back on (Sheila)
- 10:56: CER (Fil)
- 10:56: LVEA 3IFO & CER (Bubba)
- ~11:00: Turned on power supply
- 11:07: Looking at PUMs here at LVEA (Richard)
- 11:12: Checking hardware WD for ETMy (Dave)
- 11:30: Climbing HAM1/6 to adjust pots on pirani gauges (Chandra, Gerardo)
- 12:03: PSL was behaving erratically. Jason went out to toggle the Noise Eater switch
- 12:18 Robert to EX to look for magnetometers
- **12:39 Alignment started (Maintenance Over)**
  - Most of the Quads were off by a bit. Returned to ball park via oplevs, but ended up doing an alignment after this.
  - **Ops Note: Only issue with alignment was when doing the last step (SRC\_ALIGN\_OFFLOADED). For some reason, the IMC would break lock and Guardian would loop through this step repeatedly. Not really sure what the issue was here. Sheila & Jenne were notified of this.**
  - 1:44 Started locking & then handed over to Commissioners.